

WHAT IS CLAIMED IS:

1. A sensor in a car window, comprising:
  - a lens that is provided on the inner side of a sloping windowpane to condense light coming from an object to be detected that is located outside the windowpane;
  - a sensor main body that detects the object to be detected by means of the light that has passed through the lens; and
  - a transparent member that is provided between the windowpane and the lens to refract the light from the object to be detected that has passed through the windowpane.
2. A sensor in a car window according to Claim 1, wherein the area between the windowpane and the lens is covered by a hood for blocking unwanted light coming from other than an object to be detected.
3. A sensor in a car window according to Claim 1, wherein the transparent member is disposed in parallel to the windowpane.
4. A sensor in a car window according to Claim 1, wherein a light-shielding member for blocking unwanted light coming from other than an object to be detected is provided between the windowpane and the lens.
5. A sensor in a car window according to Claim 1, wherein the transparent member is attached to the windowpane by a light transmitting adhesive agent.

6. A sensor in a car window according to Claim 1, wherein the transparent member is provided with a light shielding/absorbing means for blocking or absorbing unwanted light coming from other than an object to be detected.

7. A sensor in a car window according to Claim 6, wherein the light shielding/absorbing means is Japanese ink.

8. A sensor in a car window according to Claim 1, wherein the hood is provided with a breathable dustproof filter.

9. A sensor in a car window according to Claim 1, wherein the transparent member is a transparent glass pane.

10. A sensor in a car window according to Claim 1, wherein the sensor main body is formed of a camera main body.